

## **Cobb County installed three CORS stations in August-September 2004**

In 2004 Cobb County GIS, DOT and Water System jointly funded a CORS network installation to facilitate the collection of data on the common datum of Georgia State Plane Coordinates, West Zone. This allows data to be collected and assimilated on a common datum that allows for the best analysis of data and project planning as these stations collect data at 5 second intervals and store that data in 24 hour Rinex zip files available for free download at <http://gps.cobbcountyga.gov>.

The stations are Leica GRX 1200 Pro receivers with Leica AX 1202 Geodetic antennas and run 24/7.

The stations are streaming RTK data in Leica proprietary format and in RTCM 18,19 (version 2) format for real time coordinate values in the field.

In January of 2005 application was made to NGS to become a part of the Cooperative CORS Program. Cobb County's three stations were accepted and on March 8, 2005 the values were sent to Cobb County by NGS and the stations were listed as new stations on the NGS Cooperative CORS web page for the state of Georgia.  
<http://www.ngs.noaa.gov/CORS/Coop/>

In addition to static data availability, Cobb County will be offering subscriptions to the RTK component of the network to those interested in this aspect of the network. The timetable on the availability is expected to be within the next 3 to 6 months. As this network covers a large part of the metro-Atlanta area, we believe it can be of service to many surveying and engineering firms.

On the inside of this brochure is a map that shows the approximate geographical area we believe Cobb County's network will cover. Coverage will depend on equipment and the technology the equipment utilizes.

**Any equipment capable of receiving corrections via cell phones or cellular modems that can connect to the internet will be able to utilize this system. It is the responsibility of the surveying/engineering firm and their equipment's vendor to be sure the particular equipment being used is capable of using cellular devices to connect to the internet and that the equipment used is capable of using one or the other correction format being streamed from the system.**

For more information about the network, capabilities or subscriptions, please contact:

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# **COBB COUNTY HAS THE FIRST COOPERATIVE CORS NETWORK IN GEORGIA**

<http://gps.cobbcountyga.gov/>



*Cobb County...Expect the Best!*

COBB COUNTY  
BOARD OF COMMISSIONERS

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# Cobb County GPS CORS Stations

